

Message

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**From:** Bushman, Daniel [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7EE2FB88A4EA414EB9AE08D0605FE01F-DBUSHMAN]  
**Sent:** 3/2/2020 3:59:19 PM  
**To:** Turk, David (Turk.David@epa.gov) [Turk.David@epa.gov]  
**Subject:** FW: TRI PFAS Search  
**Attachments:** PFAS polymers.xls

Not sure how much help Anthony's suggestion is. **Ex. 5 Deliberative Process (DP)** spreadsheet with some listed with components and others not. For example:

## Ex. 5 Deliberative Process (DP)

For the (O) requirement:

“(O) a perfluoroalkyl and polyfluoroalkyl substance or class of perfluoroalkyl or polyfluoroalkyl substances other than the chemicals described in subparagraphs (A) through (N) that is used to manufacture fluorinated polymers, as determined by the Administrator.”

## Ex. 5 Deliberative Process (DP)

Daniel R. Bushman, Ph.D.  
TRI Petitions Coordinator and Chemical List Manager  
202-566-0743  
OCSPP/OPPT/TRI Program Division/Regulatory Development Branch  
[www.epa.gov/tri/chemicals](http://www.epa.gov/tri/chemicals)

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**From:** Williams, Antony <Williams.Antony@epa.gov>  
**Sent:** Thursday, February 27, 2020 10:54 PM  
**To:** Bushman, Daniel <Bushman.Daniel@epa.gov>  
**Cc:** Turk, David <Turk.David@epa.gov>  
**Subject:** RE: TRI PFAS Search

Ok Daniel,

# Ex. 5 Deliberative Process (DP)

Antony J. Williams  
Center for Computational Toxicology and Exposure  
U.S. Environmental Protection Agency  
109 T.W. Alexander Drive  
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Try out the [CompTox Chemicals Dashboard](#) and access data for almost 875,000 chemical substances

**HOT OFF THE PRESS** "[Open-source QSAR models for pKa prediction using multiple machine learning approaches](#)"

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**From:** Bushman, Daniel <[Bushman.Daniel@epa.gov](mailto:Bushman.Daniel@epa.gov)>  
**Sent:** Thursday, February 27, 2020 11:29 AM  
**To:** Williams, Antony <[Williams.Antony@epa.gov](mailto:Williams.Antony@epa.gov)>  
**Subject:** RE: TRI PFAS Search

Hi Antony,

Would you know of a way to identify all PFAS used to manufacture fluorinated polymers? The NDAA requires us to evaluate:

“(O) a perfluoroalkyl and polyfluoroalkyl substance or class of perfluoroalkyl or polyfluoroalkyl substances other than the chemicals described in subparagraphs (A) through (N) that is used to manufacture fluorinated polymers, as determined by the Administrator.”

Thanks.  
Dan

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**From:** Williams, Antony <[Williams.Antony@epa.gov](mailto:Williams.Antony@epa.gov)>  
**Sent:** Wednesday, February 26, 2020 9:57 PM  
**To:** Bushman, Daniel <[Bushman.Daniel@epa.gov](mailto:Bushman.Daniel@epa.gov)>  
**Cc:** Turk, David <[Turk.David@epa.gov](mailto:Turk.David@epa.gov)>  
**Subject:** RE: TRI PFAS Search

## Ex. 5 Deliberative Process (DP)

# Ex. 5 Deliberative Process (DP)

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**From:** Williams, Antony <[Williams.Antony@epa.gov](mailto:Williams.Antony@epa.gov)>  
**Sent:** Wednesday, February 26, 2020 8:55 PM  
**To:** Bushman, Daniel <[Bushman.Daniel@epa.gov](mailto:Bushman.Daniel@epa.gov)>  
**Cc:** Turk, David <[Turk.David@epa.gov](mailto:Turk.David@epa.gov)>  
**Subject:** RE: TRI PFAS Search

Dan,  
Please find my comments inserted below...apologies for the delayed response but I have just returned from a three day trip to the West Coast

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**From:** Bushman, Daniel <[Bushman.Daniel@epa.gov](mailto:Bushman.Daniel@epa.gov)>  
**Sent:** Wednesday, February 26, 2020 7:08 AM  
**To:** Williams, Antony <[Williams.Antony@epa.gov](mailto:Williams.Antony@epa.gov)>  
**Cc:** Turk, David <[Turk.David@epa.gov](mailto:Turk.David@epa.gov)>  
**Subject:** TRI PFAS Search

Hi Antony,

We have another PFAS search that you might be able to help us with. The NDAA requires us to evaluate the following PFAS for addition to the TRI list:

"(N) each perfluoroalkyl or polyfluoroalkyl substance or class of perfluoroalkyl or polyfluoroalkyl substances for which a method to measure levels in drinking water has been validated by the Administrator"

We were provided the attached list of chemicals that are covered by test methods 533 and 537.1.

# Ex. 5 Deliberative Process (DP)

# Ex. 5 Deliberative Process (DP)

Any help much appreciated.

Thanks.

Dan

Daniel R. Bushman, Ph.D.

TRI Petitions Coordinator and Chemical List Manager

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